

PurpleRun

Alpha-Beta-Critical Design Presentation

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Project Description

- PurpleRun is a domestic violence app. It is a resource for survivors, as well as a resource to help educate anyone who wants to learn more about the issue and help the cause.
- The app has a game-like name to avoid causing any suspicions from the abuser. The homepage will appear as a game and every page of the app will have an emergency button that will immediately call 911.

Project Description

The app will have a main menu page where the user can select from:

- How to be an advocate/ally (which will explain how to help, where to volunteer, what to know, etc.),
- Information on different types of abuse, and general info for all survivors (legal, health, etc.),
- Information for undocumented survivors,
- Information for mothers/survivors with children
- Shelters in the user's local area

The app will also have different language options.

Project Goals

- Offer a resource for women and their families that brings them hope and ultimately a safer life
- Shed light on an issue that affects so many women in America, and offer ways for allies to help create real change

Project Justification

As a member of Belles Service Organization, I've been serving at a domestic violence shelter on a weekly basis for a few years. Being able to work with women and children who have been affected by domestic violence has given me perspective and experience on the issue, as well as made me incredibly passionate about the cause.

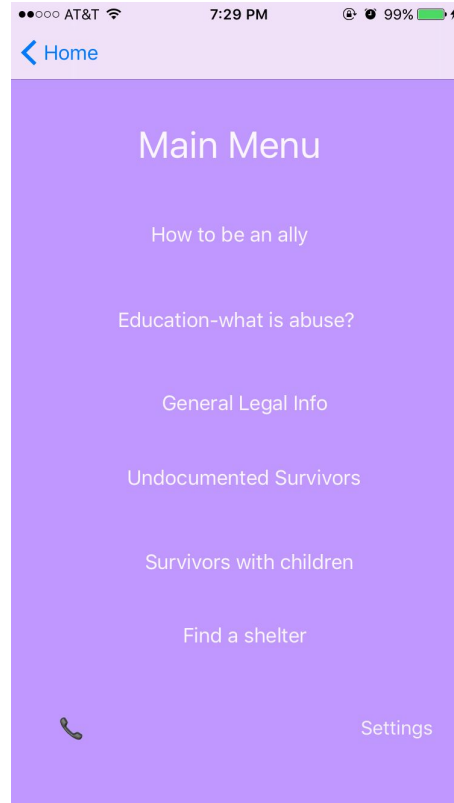
The project will pull from all of my previous computer science courses. It will need to be usable for users of all different backgrounds, languages, etc.. The app will demonstrate the knowledge I've gained from interaction design, as I strive for usability, programming language as I work with Swift for the first time, 401 as I complete another project but this time individually, and so on with all of the CS classes.

Project Justification

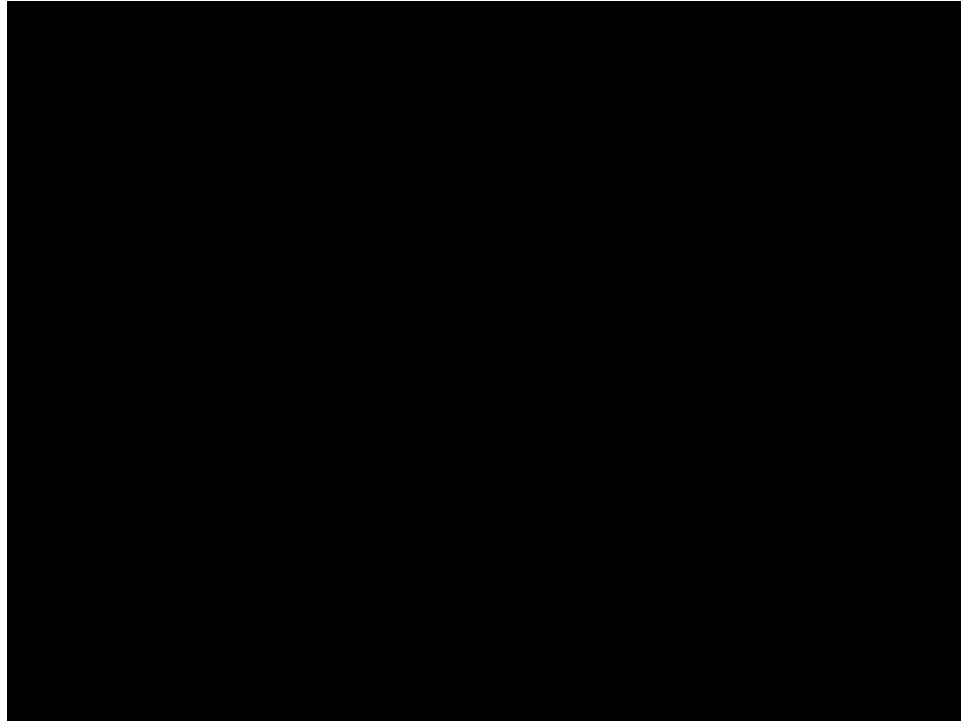
I also feel compelled to complete this project because domestic violence is such a widespread issue

- 1 in 3 women and 1 in 4 men have been victims of physical violence by an intimate partner *(National Coalition Against Domestic Violence)*
- Women between the ages of 18-24 are the most commonly abused by an intimate partner *(National Coalition Against Domestic Violence)*
- Approx. 75% of women who are killed by their abusers are murdered when they attempt to leave or have left abusive relationship. *(National Coalition Against Domestic Violence)*

So this project and more like it need to be done. Being an LMU student means being a person with and for others, this project is a way to do so.



Demo



Project Challenges

- Not knowing Swift
- Not being familiar with iOS development or Xcode environment
- A lack of similar DV apps to use as a resource
- No DV-specific APIs

Status Update

Accomplished since last report:

- Finished adding content to each information page

Tasks to be done by next report:

- Complete the implementation of the language translation API
- In-app linking

Risks/Concerns/Problems:

- Issues implementing the language translation API

Thank you!

Questions?